



Powering Business Worldwide



## SmartPro Expandable Rack / Tower UPS - Line-interactive, sine wave power management system for networks

MODEL NUMBER: **SMART5000RT3UXR**

### Description

Tripp Lite's SMART 5000RT3UXR intelligent, line-interactive UPS protects server, networking or telecommunications equipment from blackouts, voltage fluctuations and surges. It is offered in a compact tower/rackmount housing. This special extended runtime bundle includes 3U power module and two 3U external battery packs. In rack configuration, power module and battery packs occupy only 3 rack spaces (3U) each. Large capacity 5000 VA/4000 watt power module converts raw 208V AC input to fully regulated dual output 208/120 voltage for simultaneous protection of both high and low voltage equipment loads. True sine wave output at all times offers guaranteed compatibility with all equipment types. Includes a total of 14 outlets, 8 of which can be individually reset via software interface to selectively reboot remote equipment or shed less crucial loads to extend battery runtime for more critical equipment. Battery support can be extended indefinitely through the addition of external 3U rackmount battery packs. Includes slot for internal SNMP/web card, plus 2 DB9 and 2 USB enhanced monitoring ports for unattended shutdown, remote control and monitoring of UPS system and power data.

### Features

- Large 5000VA/4000 watt output capacity with full time sine wave output offers guaranteed compatibility with all equipment types
- High power density 5kVA power module and battery pack occupy only 3 rack spaces (3U) each (UPS and battery packs use 9U when installed)
- 86 minutes half load runtime, expandable runtime with multiple external battery packs (part# BP48V60RT3U)
- Line-interactive voltage regulation corrects severe brownouts and overvoltages without using battery power
- Dual voltage output is simultaneously compatible with both 208 and 120V equipment
- 14 total outlets (120V: 10 5-15R, 2 5-20R/208V: 1 L6-30R, 1 L14-30R)
- Diagnostic LEDs provide visual indication of 17 separate performance conditions
- Included PowerAlert Software provides e-mail or pager notification of power problems and the simultaneous automatic unattended shutdown of multiple servers
- 4 built-in communications ports (2-DB9, 2-USB) for remote monitoring and unattended shutdown
- Slot for SNMP/web card SNMPWEBCARD and environmental sensor ENVIROSENSE for remote communications in large IP environments
- 8 customized load management receptacles can be individually powered off and back on again via software interface to reboot remote equipment or automatic "load shedding" of less critical loads to extend battery runtime for the most critical equipment
- Emergency Power Off (EPO) interface for emergency shutoff in large facilities
- Hot-swappable/user replaceable batteries allow on-site battery replacement through the front panel without powering off connected equipment or removing the UPS from the rack
- UPS battery set ships fully assembled and ready to connect to the power module—no time-consuming connection of individual internal batteries by user is necessary
- 2 year manufacturer's product warranty
- \$250,000 Ultimate Lifetime Insurance (USA & Canada Only). No warranty cards required for coverage!

### Highlights

- 5000VA line-interactive 9U rack / tower UPS (3U power module + two 3U battery packs)
- Enhanced communication ports (2 USB / 2 DB9), free PowerAlert software and cabling, slot for SNMP/web card
- Maintains 208V & 120V AC output during brownouts and overvoltages from 151 to 282V
- 8 load banks, 14 outlets (one L6-30, one L14-30, two 5-20, ten 5-15)
- Full-time sine wave output with expandable runtime
- \$250,000 Ultimate Lifetime Insurance (USA, Puerto Rico & Canada only)

### Package Includes

- SMART 5000RT3UXR UPS System
- 2-BP48V60RT3U battery packs
- PowerAlert Software and cabling
- Mounting hardware
- Warranty information with instruction manual

## Specifications

### OVERVIEW

UPC Code

037332119858



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**TRIPP-LITE**  
by **EATON**

INPUT	
UPS Input Cord Length (ft.)	10
UPS Input Cord Length (m)	3.1
Recommended Electrical Service	30A 208V
Maximum Input Watts	4560
Input Connection Type	NEMA L6-30P
Voltage Compatibility (VAC)	208
OUTPUT	
Frequency Compatibility	60 Hz
Output Nominal Voltage	208/120VAC dual voltage output
Output Voltage Regulation	LINE MODE: Sine wave line voltage 208V (-10% +20%) plus 120V nominal, BATTERY MODE: Sine wave output within +/-5% of 208V / 120V nominal
Output Frequency Regulation	LINE MODE: Passes line frequency of 60Hz +/-10% BATTERY MODE: Inverter output regulated to 60Hz +/-0.5Hz
Overload Protection	Resettable circuit breaker (3 total, 15A each)
Customized Load Management Receptacles	"8 individually controllable outlets support automated load shedding and remote reboot on demand of locked network devices. Configurable via PowerAlert software to automatically switch off optional loads, like monitors, to increase available runtime for servers and other critical devices. "
BATTERY	
Runtime Full Load (min.)	38 min.
Runtime Half Load (min.)	86 min.
Expandable Runtime	Yes
Expandable Runtime Description	Supports extended runtime with optional external battery packs BP48V60RT3U (multi-pack compatible)
DC System Voltage (VDC)	48
Battery Access	Includes 2 BP48V60RT3U external battery packs. External battery packs may be disconnected and replaced while the UPS is running connected loads in line power mode.
Battery Pack Accessory (Optional)	BP48V60RT3U (Optional, multi-pack compatible)
Typical Battery Lifespan	3-6 years, depending on usage
Battery Charge	2-4 hours to 90%
VOLTAGE REGULATION	
Voltage Regulation Description	Line interactive UPS offers 2 boost levels of brownout correction and a single level of overvoltage adjustment to maintain usable, computer grade output without consuming battery power
Overvoltage Correction	Input voltages between 240 and 282 are reduced by 12%
Brownout Correction	Input voltages between 180 and 199 are boosted by 12%
Severe Brownout Correction	Input voltages between 151 and 179 are boosted by 24%
USER INTERFACE, ALERTS & CONTROLS	

Front Panel LEDs	5 front panel LEDs - Green POWER LED, Green VOLTAGE CORRECTION LED, 3 color BATTERY CHARGE LED, 3 color OUTPUT LOAD LED, red BATTERY WARNING LED
Switches	Yes, includes 2 front panel mounted push-button switches for system enable, self-test and alarm cancel functions
Audible Alarm	3 function audible alarm indicates power failure conditions (4 short beeps every 10 seconds), overload (continuous short beeps) and low battery (continuous tone)
<b>SURGE / NOISE SUPPRESSION</b>	
UPS AC Suppression Joule Rating	1020
EMI / RFI AC Noise Suppression	Yes
AC Suppression Response Time	Instantaneous
<b>PHYSICAL</b>	
Material of Construction	Steel
Cooling Method	Built-in dual cooling fans
Form Factors Supported	9U rackmount, supports tower installation with optional <a href="http://tripplite.eaton.com/2U-9U-Tower-Stand-Kit-select-Rack-Mount-UPS-Systems~2-9USTAND">2-9USTAND</a>
Shipping Dimensions (hwd / in.)	41.00 x 23.00 x 34.00
Shipping Dimensions (hwd / cm)	104.14 x 58.42 x 86.36
Shipping Weight (lbs.)	526.00
Shipping Weight (kg)	238.59
Unit Dimensions (hwd / in.)	0.000 x 0.000 x 0.000
Unit Dimensions (hwd / cm)	Power Module 13.3 x 44.5 x 57.2, Each Battery Pack 13.3 x 44.5 x 57.8
Unit Weight (lbs.)	228
Unit Weight (kg)	103.42
<b>ENVIRONMENTAL</b>	
Relative Humidity	0 to 95%, non-condensing
Line Mode BTU / Hr. (max.)	348.7
Battery Mode BTU / Hr. (max.)	1182.6
<b>COMMUNICATIONS</b>	
WatchDog Compatibility	Yes, compatible with Tripp Lite's WatchDog system service to restore operation to locked equipment through soft reboot of applications / OS or hard power off/on reboot of connected equipment—ideal for unattended kiosk applications
Network Monitoring Port	Includes 4 built-in monitoring ports, 2-USB & 2-DB9. Each supports on battery, low battery, power restored, AC line voltage, DC battery voltage, load percentage, battery charge current, battery capacity, internal UPS temperature and line frequency status
EPO Port	Includes RJ11 EPO (emergency power off) port and interconnection cable
SNMP Compatibility	Built-in accessory slot accommodates internal SNMP / web card and other network accessories
<b>LINE / BATTERY TRANSFER</b>	

Transfer Time (Line Power to Battery Mode)	2-4 milliseconds
Low Voltage Transfer to Battery Power	Switches to battery power when line voltage drops to 151. Resets back to AC mode when line voltage increases to 159
High Voltage Transfer to Battery Power	Switches to battery power when line voltage increases to 282. Resets back to AC mode when line voltage decreases to 274
FEATURES & SPECIFICATIONS	
Cold Start	Yes, inverter can be "cold started" to enable temporary AC output during a power failure
Grounding	Includes back panel grounding point with thumbscrew for data line surge suppressors and other network accessories requiring a chassis grounding point
WARRANTY & SUPPORT	
Product Warranty Period (Worldwide)	2-year limited warranty
Optional Coverage	3 year, 5 year, next day and on-site warranty coverage available for select opportunities - contact Tripp Lite
Connected Equipment Insurance (U.S., Canada & Puerto Rico)	\$250,000 <a class="insuranceLink" href="//tripplite.eaton.com/support/insurance-policy">Ultimate Lifetime Insurance</a>

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